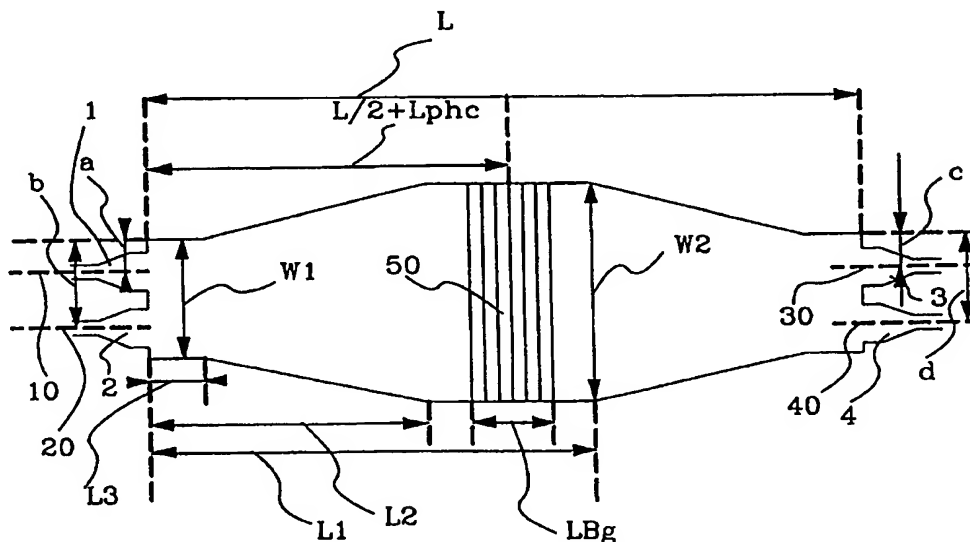




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G02B 6/34, H04B 10/20 // H04J 14/02		A1	(11) International Publication Number: WO 98/39679
			(43) International Publication Date: 11 September 1998 (11.09.98)
(21) International Application Number: PCT/SE98/00393 (22) International Filing Date: 5 March 1998 (05.03.98) (30) Priority Data: 9700829-6 7 March 1997 (07.03.97) SE (71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE). (72) Inventor: AUGUSTSSON, Torsten; Jaktvägen 48, S-194 61 Upplands Väsby (SE). (74) Agent: ERICSSON COMPONENTS AB; Dept. for Intellectual Property Rights, S-164 81 Stockholm (SE).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>	

(54) Title: OPTICAL WAVELENGTH SELECTIVE DEVICE INCLUDING AT LEAST ONE BRAGG-GRATING STRUCTURE



(57) Abstract

The present invention relates to an optical device that includes at least one MMI-waveguide and at least one Bragg-grating structure. At least one so-called access waveguide is disposed on a first side of the MMI-waveguide and at least one access waveguide is disposed on a second side of the MMI-waveguide, wherein the first and second sides are the short sides of the MMI-waveguide. The access waveguide has a so-called taper structure and the Bragg-grating structure is arranged in the MMI-waveguide.

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